

### REMARKS

The Examiner has required an election under 35 U.S.C. § 121 to one of the following inventions:

- I. Claims 1-36 and 43 drawn to a method for generating a population of variant sequences, classified in class 435, subclass 91.1;
- II. Claims 37-39 drawn to a kit useful for the direct assembly of a target DNA molecule, classified in class 435, subclass 91.4;
- III. Claims 40-42 drawn to a donor library a plurality of donor vectors, classified in class 435, subclass 6; and
- IV. Claim 44 drawn to a computer readable medium, classified in class 707, subclass 1.

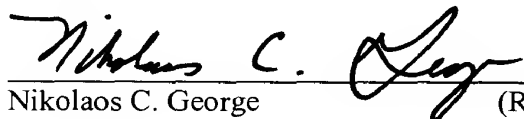
In response, Applicant elects to prosecute the invention of Group I, claims 1-36 and 43, in the present application. Claims 37-42 and 44 are canceled herein, without prejudice, as being drawn to a non-elected invention. Applicant reserves his right to pursue the subject matter of the canceled claims in one or more related other applications.

### CONCLUSION

Applicant respectfully requests that the present amendment and remarks be entered and made of record in the instant application.

Respectfully submitted,

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